

1332637  
<https://www.phoenixcontact.com/us/products/1332637>

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USB PCB connectors, connection direction of the connector to the PCB: 90 °, number of positions: 9, 5 GBit/s, Wave soldering

Your advantages

- Optimized for wave soldering
- Data transmission up to 5 Gbps
- Comfortable tray packing

Commercial data

Item number	1332637
Packing unit	117 pc
Minimum order quantity	117 pc
Sales key	AB14
Product key	ABNDAB
GTIN	4063151629663
Weight per piece (including packing)	3.71 g
Weight per piece (excluding packing)	3.71 g
Customs tariff number	85366930
Country of origin	CN



# CUC-USB3.0-J1ST-AH/UAF-THT - USB PCB connectors



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## Technical data

### Product properties

Product type	Data connector (device side)
Orientation to PCB	90.00 °
Number of positions	9 ( )
Transmission speed	5 GBit/s

### Electrical properties

Rated voltage	30 V
Rated surge voltage	1.5 kV
Rated current	1.8 A
Contact resistance	30 mΩ
Frequency range	20 Hz ... 500 Hz
Insulation resistance	1000 MΩ
Transmission speed	5 Gbps
Transmission characteristics (category)	USB 3.2 Gen 1
Transmission speed	5 GBit/s
Power transmission	54 W

### Connection data

#### Connection technology

Connection method	Solder connection
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### Dimensions

Width	14.4 mm
Height	7.74 mm
Length	16.5 mm
Orientation to PCB	90.00 °

### Material specifications

Color (Housing)	blue (RAL 5015)
Material Contact	Copper alloy
Material Contact carrier	PA 4T
Material Housing	Metal

### Cable/line

Halogen-free	yes
Flame resistance	UL 94 V0

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 5000
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Insertion force	35 N
Withdrawal force	< 10 N

## Environmental and real-life conditions

### Test specification

Specification	EIA 364-1000
Frequency	20-500 Hz
Sweep speed	1 octave/min
Acceleration	3.10 m/s <sup>2</sup>
Test duration	15.00 min
Contact resistance R <sub>i</sub>	30.00 mΩ

### Test specification

Specification	60068-2-27
Acceleration	30.00 g
Number of shocks per direction	18.00

### Ambient conditions

Degree of protection (when plugged in)	IP20
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-55 °C ... 85 °C

## Standards and regulations

Flame resistance	UL 94 V0
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## Mounting

Mounting type	Wave soldering
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### Processing notes

Process	Wave soldering
Classification temperature T <sub>c</sub>	260 °C



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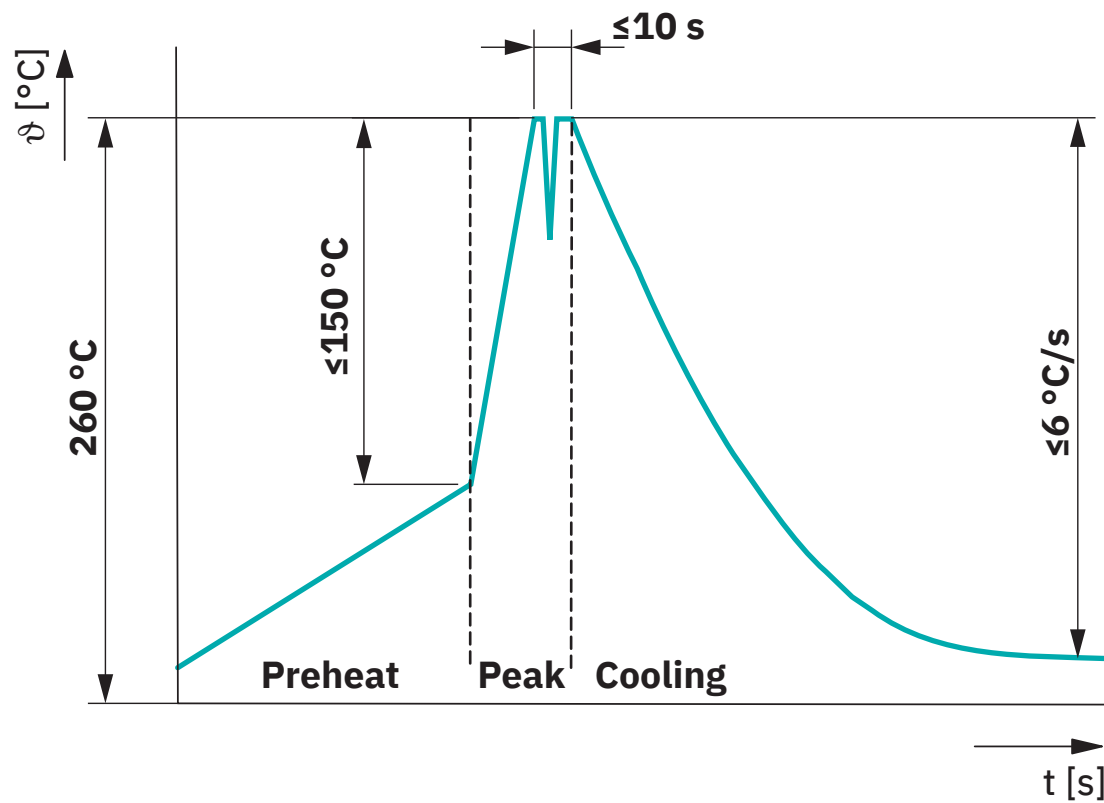


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## Drawings

Diagram



Classification wave soldering profile



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## Classifications

### ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

### ETIM

ETIM 9.0	EC002637
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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